

# NEBRASKA WEATHER & CROPS

NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

Week Ending June 21, 1987

Issue: 15-87

Phone: (402) 471-5541

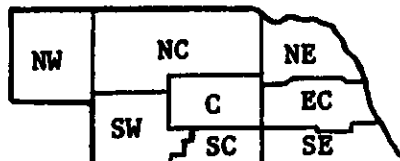
P.O. Box 81069

Released: 6/22/87 - 3:00 p.m.

Location: 273 Federal Bldg.

Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admn.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources--UNL

## WEATHER

The week was hot. Precipitation occurred midweek with amounts from three-tenths inch in the northwest and southwest up to two inches in the north central and northeast. Temperatures averaged five degrees above normal.

## GENERAL

The hot, humid weather experienced this past week allowed fieldwork to progress across the State. Some heat stress was evident among the growing crops and livestock as a result of the warm conditions. Scattered precipitation across the State helped the moisture levels in some areas. Row crop planting was completed while cultivating, hilling, chemical applications and irrigation preparations continued. Days suitable for fieldwork averaged 5.6 days for Nebraska.

Topsoil moisture rated 19% short, 74% adequate and 7% surplus. Subsoil moisture rated 10% short, 81% adequate and 9% surplus. Last year, topsoil rated 46% short, 48% adequate and 6% surplus. Subsoil moisture rated 9% short and 91% adequate.

## CROPS

Winter wheat condition rated 38% fair, 61% good and 1% excellent. The crop continued maturing rapidly and ahead of normal as wheat turning color had progressed to 90% compared to 72% last year and the average of 46%. Test cutting and limited harvesting had begun in the southern Nebraska counties as the crop progressed to 10% ripe compared to 4% last year and 2% average. Scattered rain showers across the State slowed harvest progress in some areas later in the week.

## CROPS (Cont.)

Russian wheat aphids continued to be present in western Nebraska spreading into new CRP grass seedings as well as spring grains. Varying crop damage has been reported as a result of these crop pests and other diseases.

Corn condition rated 9% fair, 85% good and 6% excellent. Cultivating and hilling were underway as producers prepared for irrigation activities. Scouting for corn borers continues as corn borer moth flight is in progress.

Soybean planting was complete, equal to last year but ahead of average. Soybean condition rated 21% fair, 75% good and 4% excellent. Soybean emergence was at 96% compared to 98% last year and above the average of 89%. Recent hot weather has slowed growth of later plantings.

Sorghum planting was complete, slightly ahead of last year and the average of 94%. Crop condition rated 23% fair, 74% good and 3% excellent. Sorghum emerged advanced to 92% compared to 98% last year and 83% average.

Alfalfa hay condition rated 3% poor, 27% fair and 70% good. The first cutting was 95% complete compared to 90% last year and the average of 80%. Alfalfa weevils are present in some fields and have delayed alfalfa regrowth.

Dry bean planting and summer fallow operations continued in the Panhandle District.

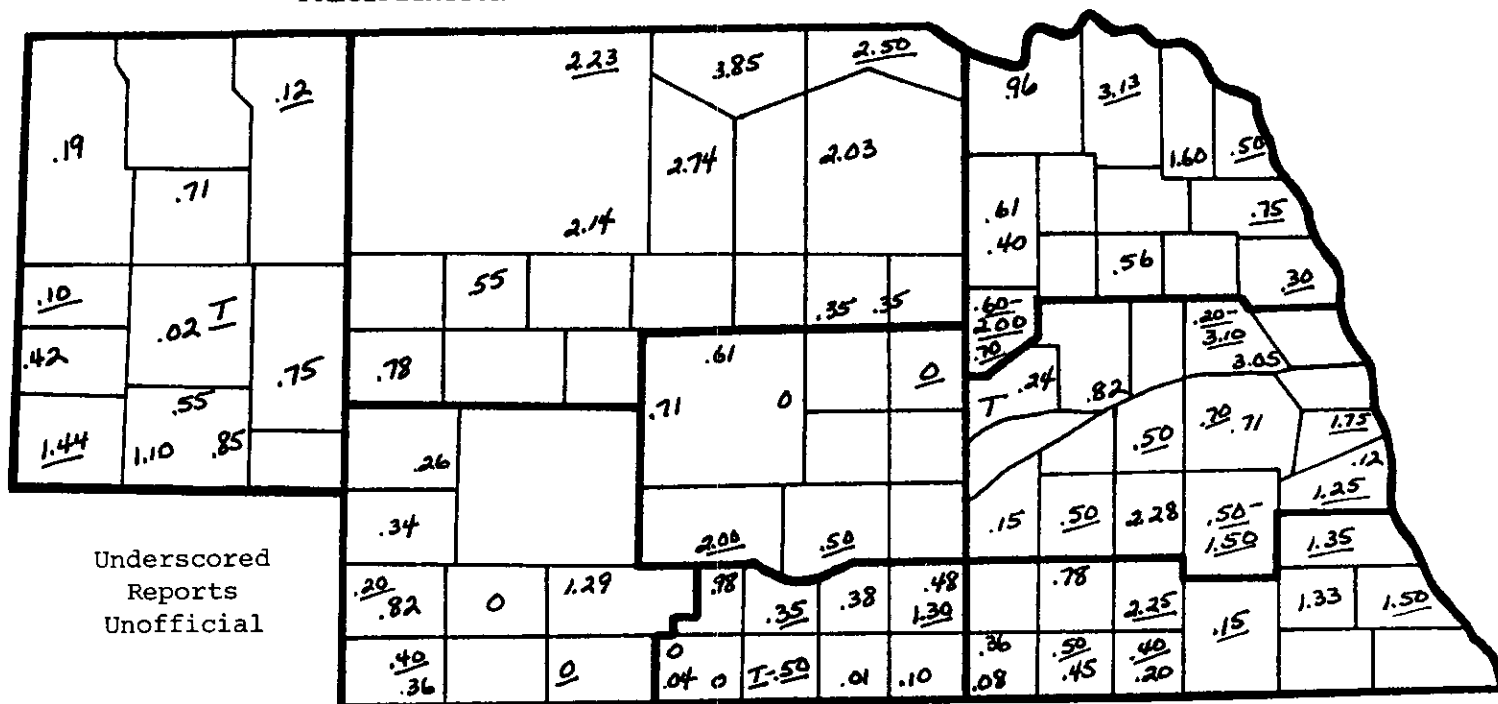
## LIVESTOCK

Range and pasture feed supplies rated 95% adequate and 5% surplus. The livestock as well as pastures have shown some heat stress due to high temperatures.

Precipitation, April 1 - June 19, 1987

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.57	1.60	.83	.44	.92	.51	.25	.53
Total since April 1 .....	6.93	6.95	6.04	6.54	7.46	8.73	8.34	11.13
Normal since April 1 .....	7.25	7.93	9.34	8.73	9.76	7.29	8.92	10.39

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 19, 1987



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JUNE 21, 1987

Station	Temperature				Precipitation
	Extremes		Mean	Departure	Total Inches 1/
	Max	Min			
NW Chadron	94	49	71	--	.17
Scottsbluff	94	53	72	+4	.13
Sidney	90	53	70	--	.22
NC Ord	97	62	77	--	.16
Valentine	100	58	76	+7	2.24
NE Norfolk	97	63	77	+5	.27
Sioux City	94	65	78	+6	1.15
CEN Grand Island	97	60	77	+5	.65
EC Lincoln	104	62	79	+6	1.52
Omaha	94	67	79	+7	.31
SW Imperial	--	--	--	--	--
North Platte	93	56	73	+4	.14

1/ Precipitation totals not included in map above.

NEBRASKA WEATHER & CROPS (ISSN 0745-0230) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 471-5541 and available for \$12.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P. O. Box 81069, Lincoln, NE 68501.

NEBRASKA WEATHER & CROPS  
P.O. Box 81069  
Lincoln, NE 68501

Second Class Postage  
Paid at  
Lincoln, Nebraska